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CENTRAL INTELLIGENCE AGENCY

INFORMATION FROM

FOREIGN DOCUMENTS OR RADIO BROADCASTS

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SOURCE '

STATE

NAV

Newspapers and periodical as indicated.

NEW CRANES AID CONSTRUCTION, RAILROAD WORK

PIANT BUILDS HEAVY CRANE -- Moscow, Vechernyaya Moskva, 2 Sep 50

The Nyazepetrovsk Plant imeni Kalinin has completed its first heavy crane of 25 tons' lifting capacity. It has performed well on tests, and will be used in the construction of high buildings in Moscow.

CRANE HAS PUSH-BUITON CONTROL -- Tashkent, Pravda Vostoka, 8 Oct 50

The Sterlitamak Construction Machinery Plant has put out a new traveling crane, the T-108, of 0.5 ton capacity. Designed for building operations, it has a push-button control panel.

The All-Union Scientific-Research Institute of Construction- and Road-Machine Building recently designed the T-72 rotating-base crane. It can move from story to story as needed, during the construction of buildings.

EASY OPERATION FEATURE OF NEW CRANE -- MOSCOW, Vechernyaya Moskva, 6 Nov 50

The Moscow Tower Crane Plant is completing a new crane, the SBK-1-50, which should be 30 percent more productive than present models. The outstanding feature of the new crane is its ease of control. The boom can be rotated, raised and lowered, merely by turning the control wheel.

Mass production of these cranes will start in 1951.

TURN OUT BIG CRANE AHEAD OF SCHEDULE -- Moscow, Vechernyaya Moskva, 1 Nov 50

The Leningrad Lift- and Transport-Machine Plant imeni Kirov has completed the assembly of a heavy bridge crane of 100 tons' lifting capacity one month in advance. The production of heavy cranes is now established there.

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INTRODUCE EXPERIMENTAL MODEL OF HEAVY RAIL CRANE -- Moscow, Mekhanizatsiya Stroitel'stva, Nov 50

An experimental model of the new K-251 railroad crant has been built by the Odessa Yanvarskoye Vosstaniye Crane Plant. Diesel electric-powered, it runs on four axies, and has reached a speed of 48 kilometers per hour, although normal top speed is 25. The clane can be rigged with either a 15- or a 25-meter boom, and can lift 5-25 tons. When doing heavy work at a wide lifting arc, two heavy jacks are lowered to the ground on each side of the body for additional support. Rigged with the 15-meter boom, the crane weighs 71.82 tons. It is 23.65 meters long, 3.15 meters wide, and 4.65 meters high.

BIG CRANE GOES INTO PRODUCTION -- Moscow, Mekhanizatsiya Stroitel'stva, Oct 50

The Crane Plant imeni Yanvarskoyè Vosstaniye has begun production of the new K-103 two-axle railroad crane. It is designed for loading and for construction work, and can be rigged with either a 10- or an 18- meter boom, equipped with hook or grab bucket. The crane may be towed, or, running under its own power it has a KDM-46 diesel motor, developing 80 horsepower at 835 revolutions per minute. It is equipped with chain transmission to both axles. The chains are produced at the Krasnaya Zvezda Plant.

Other specifications are as follows:

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Weight, with 10-meter boom (tons)	34.5 15.0		
Length (meters) Maximum width (meters) Railroad clearance number	3.0		
Speed (km/hr)	•		

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First	12.4
Second	エた。ナ

Lifting capacity, with 10-meter boom (tons):

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n PII CINS	Tagrus	7.5	11	11	11	11	11	11	7
	**	Το,		11	11	11	rt	11	5
••		10.0	2-	11	11	tt -	10	11	2.5

Lifting capacity, with 18-meter boom (tons):

Lifting	radius	4	meters	from	vertical	axis	of "	poom	7.5 3.0	
" "	11	ם וו	n	*1	17	tt	11	11	2.0	

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